PSP INTEGRATION

Webservices

Telnet Nigeria Limited

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Payment Service Provider Web Service

Function: This web service provides an interface allowing VAT, PAYE, WHT and other tax types details to be provided by third parties for upload to the FIRS web portal.

Web Service URL: http://ipaddress:9090/UploadFIRSTaxDetails/UploadTaxDetails?wsdl

Web Service Authentication: The service uses basic authentication, credentials will be shared on request.

Web Service Operations

a. **paye**(**PayeRecords** payeSummary, Collection<ScheduleDetails> details, String uploaded, String uploadType)

Accepts:

1. **PayeRecords Object**
2. Collection<ScheduleDetails> details
3. **UploadId-String**
4. **uploadType-String**

Returns: Status Code and Status Message.

PAYERECORDS

S/N	PAYE Tax Fields	Description	Data Type	Mandatory (Y/N)
1	Type	Classification of the payment item ‘B’ represents the Bulk Payment ‘D’ represents the detail lines	String	Y
2	Payment Ref	This is the third party’s Reference Number	String	Y
3	Payer TIN	This is the TIN of the company making the deduction at source	String	Y
4	Payer Name	This the name of the organisation making payment	String	Y
5	Total Amount	Sum of TAX Amount Payable in the corresponding schedule	Double	Y
6	Pay Period	Period in which the transaction was passed. In the format DD/MM/YYYY	String	Y
7	Tax Office	Tax Office of the organisation making the deduction at source. The default will be ‘FIRS’	String	Y
8	Bank	The bank Paye amount is paid into	String	Y
9	Bank Account Number	The account number of the bank Paye amount is paid into	String	Y
10	Payment Date	Payment Date. In the format DD/MM/YYYY	String	Y
11	Transaction Reference	Transaction reference that uniquely identify individual record within an	String	Y

		upload		
12	Payer Address	Address of the organization that is making the payment	String	Y
13	Tax Type Code	Tax Type that is to be remitted e.g EDT, PIT, PPT….	String	Y
14	No of Record	Total count of record in the corresponding schedule	Integer	Y
15	Value Date	FIRS Account Credit Date. In the format DD/MM/YYYY	String	N
16	Document No	E-Filling Document Number	String	N
17	Switching Platform Code	e.g ISW,NIBSS,SPEC, eTRAN	String	Y

SCHEDULEDETAILS

S/N	Schedule Details Fields	Description	Data Type	Mandatory (Y/N)
1	Beneficiary TIN	The TIN of the tax payer i.e the staff	String	Y
2	Beneficiary Name	The Name of the tax payer i.e the staff	String	Y
3	Staff Number	Staff Number of the tax payer	String	Y
4	Gross Pay	Gross Pay of the tax payer	Double	Y
5	Basic Salary	Basic Salary of the tax payer	Double	Y
6	Amount	TAX Amount Payable by staff	Double	Y
7	Transaction Reference	Transaction reference that uniquely identify individual record within a schedule	String	Y
8	Allowance	Allowance of the tax payer	String	Y
9	Document No	E-Filling Document Number	String	N

b. vat(vatrecords, uploaded, uploadType)

Accepts:

1. **collection of vatrecords**
2. **uploadId-String**
3. **uploadType-String**

Returns: Status Code and Status Message.

VATRECORDS

S/N	VAT Tax Fields	Description	Data Type	Mandatory (Y/N)
1	Type	Classification of the payment item ‘B’ represents the Bulk Payment ‘D’ represents the detail lines	String	Y
2	Payment Ref	This is the third party’s Reference Number	String	Y
3	Beneficiary TIN	This is the TIN of the company that made the supplies. Will be validated. Invalid TINs will be processed but flagged to FIRS	String	Y
4	Payer TIN	This is the TIN of the company making the deduction at source	String	Y
5	Payer Name	This the name of the organisation making	String	Y

		payment		
6	Invoice Number	Free-text field that may be used for additional information relevant to the transaction; e.g. invoice number, receipt number etc	String	N
7	Contract Date	Date of contract. In the format DD/MM/YYYY	String	Y
8	Description	Short contract description	String	Y
9	Amount	TAX Amount Payable	Double	Y
10	Pay Period	Period in which the transaction was passed. In the format DD/MM/YYYY	String	Y
11	Tax Office	Tax Office of the organisation making the deduction at source. The default will be 'FIRS'	String	Y
12	Bank	The bank VAT amount is paid into	String	Y
13	Bank Account Number	The account number of the bank VAT amount is paid into	String	Y
14	Payment Date	Payment Date. In the format DD/MM/YYYY	String	Y
15	Transaction Reference	Transaction reference that uniquely identify individual record within an upload	String	Y
16	Tax Type Code	Tax Type that is to be remitted e.g EDT, PIT, PPT….	String	Y
17	Value Date	FIRS Credit Date. In the format DD/MM/YYYY	String	N
18	Document No	E-Filling Document Number	String	N
19	Switching Platform Code	e.g ISW,NIBSS,SPEC, eTRAN	String	Y
20	Transaction Summary Number	TSN (only when payment is coming from a VAT/WHT auto Deduct Vendor) in the format	String	N

c. **wht(WhtRecords** whtSummary, Collection<ScheduleDetails> details, String uploaded, String uploadType)

Accepts:

5. **PayeRecords Object**
6. Collection<ScheduleDetails> details
7. **UploadId-String**
8. **uploadType-String**

Returns: Status Code and Status Message.

WHTRECORDS

S/N	WHT Fields	Description	Data Type	Mandatory (Y/N)
1	Type	Classification of the payment item ‘B’ represents the Bulk Payment ‘D’ represents the detail lines	String	Y
2	Payment Ref	This is the third party’s Reference Number	String	Y
3	Payer TIN	This is the TIN of the company making the deduction at source	String	Y
4	Payer Name	This the name of the organisation making payment	String	Y
5	Total Amount	Total TAX Amount Payable in the schedule	Double	Y
6	Pay Period	Period in which the transaction was passed. In the format DD/MM/YYYY	String	Y
7	Tax Office	Tax Office of the organisation making the deduction at source. The default will be ‘FIRS’	String	Y
8	Bank	The bank WHT amount is paid into	String	Y
9	Bank Account Number	The account number of the bank WHT amount is paid into	String	Y
10	Payment Date	Payment Date. DD/MM/YYYY	String	Y
11	Transaction Reference	Transaction reference that uniquely identify individual record within an upload	String	Y
12	No of Record	Total count of record in the corresponding schedule	Integer	Y
13	Tax Type Code	Tax Type that is to be remitted e.g EDT, PIT, PPT….	String	Y
14	Value Date	FIRS Credit Date. In the format DD/MM/YYYY	String	N
15	Document No	E-Filling Document Number	String	N
16	Switching Platform Code	e.g ISW,NIBSS,SPEC, eTRAN	String	Y
17	Transaction Summary Number	TSN (only when payment is coming from a VAT/WHT auto Deduct Vendor) in the format	String	Y

SCHEDULEDETAILS

S/N	Schedule Details Fields	Description	Data Type	Mandatory (Y/N)
1	Beneficiary TIN	This is the TIN of the company that made the supplies. Will be validated. Invalid TINs will be processed but flagged to FIRS	String	Y
2	Beneficiary Name	This is the Name of the company that made the supplies	String	Y
3	Invoice Number	Free-text field that may be used for additional information relevant to	String	N

		the transaction; e.g. invoice number, receipt number etc		
4	Contract Date	Date of contract. In the format DD/MM/YYYY	String	Y
5	Description	Short contract description	String	Y
6	Amount	TAX Amount Payable	Double	Y
7	Pay Period	Period in which the transaction was passed. In the format DD/MM/YYYY	String	Y
8	Transaction Reference	Transaction reference that uniquely identify individual record within an upload	String	Y
9	Rate	Applicable Tax rate	Double	Y
10	Contract Amount	Contract Value	Double	Y
11	Contract Type	Type of Contract. Drop down list provided by FIRS	String	Y
12	Document No	E-Filling Document Number	String	N

d. otherTaxTypes(taxrecords,uploaded, uploadType)

Accepts:

1. **collection of taxrecords**
2. **uploadId-String**
3. **uploadType-String**

Returns: Status Code and Status Message.

TAXRECORDS

S/N	OTHER TAX Fields	Description	Data Type	Mandatory (Y/N)
1	Type	Classification of the payment item ‘B’ represents the Bulk Payment ‘D’ represents the detail lines	String	Y
2	Payment Ref	This is the third party’s Reference Number	String	Y
3	Beneficiary TIN	This is the TIN of the company that made the supplies. Will be validated. Invalid TINs will be processed but flagged to FIRS	String	N
4	Payer TIN	This is the TIN of the company making the deduction at source	String	Y
5	Payer Name	This the name of the organisation making payment	String	Y
6	Payer Reference	Free-text field that may be used for additional information relevant to the transaction; e.g. invoice number, receipt number etc	String	N
7	Contract Date	Date of contract. In the format DD/MM/YYYY	String	N

8	Description	Short contract description	String	N
9	Amount	TAX Amount Payable	Double	Y
10	Pay Period	Period in which the transaction was passed. In the format DD/MM/YYYY	String	Y
11	Rate	Applicable Tax rate	Double	N
12	Contract Amount	Contract Value	Double	N
13	Contract Type	Type of Contract. Drop down list provided by FIRS	String	N
14	Tax Office	Tax Office of the organisation making the deduction at source. The default will be 'FIRS'	String	Y
15	Bank	The bank TAX amount is paid into	String	Y
16	Bank Account Number	The account number of the bank TAX amount is paid into	String	Y
17	Payment Date	Payment Date. In the format DD/MM/YYYY	String	Y
18	Tax Type Code	Tax Type that is to be remitted e.g EDT, PIT, PPT….	String	Y
19	Staff Number	Staff Number where applicable	String	N
20	Gross Pay	Gross Pay where applicable	Double	N
21	Basic Salary	Basic Salary where applicable	Double	N
22	Allowance	Allowance where applicable	Double	N
23	Address	Tax Payer Address where applicable	String	N
24	Transaction Reference	Transaction reference that uniquely identify individual record within an upload	String	Y
25	Value Date	FIRS Credit Date. In the format DD/MM/YYYY	String	N
26	Document No.	E-Filling Document Number	String	N
27	Switching Platform Code	e.g ISW,NIBSS,SPEC, eTRAN	String	Y

PAYMENT REFERENCE

Payment Reference Code must comply to the below format

BankCode/PaymentServiceProviderCode/ChannelCode/Date_Of_Payment/System_Generated_No

TRANSACTION SUMMARY NUMBER

Transaction Summary Number (TSN) must comply to the below format. The TSN would be used only when payment is coming from a VAT/WHT Auto Deduct Vendor.

TaxType is **WHT** or **VAT as appropriate**

TSN/TaxType/VendorCode/ddmmyyyy/System_Generated_No

e.g. TSN/VAT/IMX/01022018/123412341234

TAX TYPES

S/N	Tax Type Code	Description
1	CGT	Capital Gain Tax
2	CIT	Company Income Tax
3	EDT	Education Tax
4	INT	Interest
5	NITDEF	NITDEF
6	PAYE	Pay As You Earn
7	PEN	Penalties
8	PIT	Personal Income Tax
9	POL	Pre-Operational Levy
10	PPT	Petroleum Profit Tax
11	PRT	Provisional Tax
12	STD	Stamp Duties
13	VAT	Value Added Tax
14	WHT	WithHolding Tax

PAYMENT CHANNELS

Channel #	Code	Description
8	CAS	Cash
5	CAR	Card
9	OBC	Own Bank Cheque
10	TBC	Other Bank Cheque
11	INT	Internal Transfer
3	MOB	Mobile
12	FOT	Foreign Transfer
2	INB	Internet Banking
4	POS	POS Terminal
1	BTL	Bank Teller
6	VMP	Vendor/Merchant Web Portal
7	OPP	Other – Party Payment Platform

BANK CODE

Sort Code	Code	Description
044	ABP	Access Bank Nigeria Plc
023	CITI	Citibank Nigeria Limited
063	DBP	Diamond Bank Plc
050	ECO	Ecobank Nigeria
084	ENB	Enterprise Bank Plc

011	FBN	First Bank of Nigeria Plc
070	FBP	Fidelity Bank Plc
214	FCMB	First City Monument Bank
085	FIB	First Inland Bank Plc
058	GTB	Guaranty Trust Bank Plc
082	KSB	Keystone Bank Ltd
014	MSB	Mainstreet Bank Plc
232	SBP	Sterling Bank Plc
068	SCB	Standard Chartered Bank
076	SKYE	Skye Bank Plc
221	STANBIC	Stanbic IBTC Plc
033	UBA	United Bank for Africa Plc
032	UBN	Union Bank Nigeria Plc
215	UNITY	Unity Bank Plc
035	WEMA	WEMA Bank Plc
057	ZIB	Zenith Bank Plc

VENDOR CODE

Ace of spades	ACS
Pay Vision	PAV
Message Wise Ltd	MSW
Octaq Tech	OCQ
Soft Trust	SFT
Gention Global Resources	GEN
Infinity Systems Enterprises	INF
Venture garden group	VGG
West Metro	WEM
Active Solutions Integrated	ASI
Royal Diadem Consults	RDC
Scalable Synergy Solutions	SSS
eTranzact international Plc	ETI
Hephzibah Integrated Tech	HEP
Zurich Tech Ltd	ZTL
African Advantage	AFA
3R Company Nig Ltd	RRR
Sqim Nig Ltd	SQL
Strataflex Nig Ltd	SNL
VAT Collect	VTC

STATUS CODE

STATUS CODES	DESCRIPTION
0	STATUS_GENERAL_ERROR
8000	STATUS_MANDATORY_FIELDS_NOT_SET

8001	STATUS_INCORRECT_TYPE
8002	STATUS_INCORRECT_DATE
8003	STATUS_NO_RECORD
8004	STATUS_DUPLICATE_UPLOAD
8005	STATUS_NO_UPLOAD_ID
8006	STATUS_DUPLICATE_TRANSACTION_REF
8007	INVALID_TAX_TYPE
8008	INVALID_TAX_OFFICE
8009	STATUS_DUPLICATE_PAYMENT_REFERENCE
8010	INVALID_RECORD_SIZE
8011	INVALID_AMOUNT_VALUE
8012	INVALID_TOTAL_TAX_AMOUNT
8013	ACCESS_DENIED
9000	STATUS_SUCCESSFULL
9001	SUCCESSFUL_VALUE_DATE_UPDATE

UPLOADTYPES

S/N	Value	Description	Data Type
1	**U**	**Value Date Update**	**String**
2	**F**	**Default data upload**	**String**